

October 12, 2005

Ms. Suzanne Wilson
Environmental Services Specialist
City of Anaheim, Public Utilities Department
201 South Anaheim Boulevard, Suite 601
Anaheim, California 92805

Sent via UPS

Subject: Well Destruction Report
Former ARCO Facility No. 3023
601 South Magnolia Avenue
Anaheim, California

Dear Ms. Wilson:

Delta Environmental Consultants, Inc. (Delta), on behalf of Atlantic Richfield Company, has prepared this *Well Destruction Report* detailing the proper destruction of seven groundwater monitoring and soil vapor extraction wells at former ARCO Facility No. 3023, (the Site, Figure 1) located at 601 South Magnolia Avenue, Anaheim, California. These wells were properly destroyed at the request of Anaheim Public Utilities Department (APUD) in order to facilitate this site for case closure.

WELL DESTRUCTION ACTIVITIES

On September 16, 2005 Delta was on-site to oversee the destruction of four groundwater monitoring wells (MW-1, MW-2, MW-3, and MW-4) and three vapor extraction wells (VW-1, VW-2 and VW-H). A site map showing the locations of all wells is provided as Figure 2. Well construction details for all wells are provided in Table 1. Cascade Drilling, Inc. of Norwalk, California (License No. C57-71510) was contracted to provide the equipment and personnel required to conduct the field activities. Prior to initiating field activities, a well destruction permit was obtained from the City of Anaheim (Attachment A), and Underground Service Alert and APUD were notified.

Groundwater monitoring wells MW-1, MW-2, MW-3, and MW-4, and vapor extraction wells VW-1, VW-2, and VW-H were properly destroyed by pressure-grouting. Bentonite grout was pumped under pressure into each well casing until each well was completely filled with grout. The top five-feet of each well was over-drilled using eight-inch diameter hollow stem augers. The remaining annulus was backfilled with bentonite grout to grade and capped with asphalt.

REMARK/SIGNATURES

The recommendations contained in this report represent Delta's professional opinions based upon the currently available information and are arrived at in accordance with currently acceptable professional standards. This report is based upon a specific scope of work requested by the client. The Contract between Delta and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Delta's Client and anyone else specifically listed on this report. Delta will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Delta makes no express or implied warranty as to the contents of this report.

If you have any questions or comments concerning this report, please contact Darrell Fah at (714) 278-5105.

Sincerely,

DELTA ENVIRONMENTAL CONSULTANTS, INC.

Bryan Van Wagner, P.G.
Project Manager

Attachments: Figure 1 Site Location Map
 Figure 2 Site Map
 Table 1 Well Construction Details
 Attachment A Well Permit

cc: Mr. Darrell Fah, Atlantic Richfield Company, La Palma, California
 Ms. Valarie Jahn-Bull, Regional Water Quality Control Board – Santa Ana Region
 Mr. Fabio Minervini, England Geosystem, Inc., Tustin, California